

# PERIODONTAL SCALING AND ROOT PLANING COMPETENCY

**Discipline Conducting Assessment/Exam:** PERIODONTICS

**Course Number the Competency Assessment is Within:** PERI 5902

**Usual Semester Assessment/Exam Conducted:** Eighth

## **General Information on MCG Competency Assessments/Exams:**

Competency Assessments are intended to be capstone experiences that evaluate a student's ability to apply a comprehensive set of knowledge, skills and values to patient care activities. The MCG Competency Assessments are required of **all students**. A student **must pass** all competency assessments within a course to pass the course. In addition, a student **must pass** all Competency Assessments in order to graduate. The student must pass **all** the Competency Assessments **without assistance** from faculty or other students.

## **MCG Competency Statements:**

All the MCG Competency Statements are listed below. The competency statements that are evaluated by this particular Competency Assessment/Exam are indicated **in bold**.

In the care of the child, adolescent, adult, geriatric and medically compromised patient, graduates of the Medical College of Georgia School of Dentistry shall possess the knowledge, skills, and values to be competent to:

1. Apply advances in modern biology to clinical practice and to integrate new medical knowledge and therapies relevant to oral health care
2. Apply the principles of behavioral science that pertain to patient-centered oral health care
3. Provide care to a diverse patient population
4. Communicate with patients, staff and colleagues concerning oral health care matters
5. Evaluate different models of oral health care management and delivery
6. Understand the basic principles of practice management and have the skills to conduct a contemporary dental practice
7. Recognize and apply the ADA's Principles of Ethics and Code of Professional Conduct and the Laws of Georgia and the Georgia Board of Dentistry's Rules
8. Recognize his/her level of skill and knowledge, take steps to improve areas of deficiency and to improve existing skills, and to refer patients when appropriate

9. Understand medical/dental literature, the application of scientific principles and evidenced-based documentation in order to provide comprehensive patient care
10. Use information technology for professional development and comprehensive patient care
- 11. Obtain and assess diagnostic information from clinical and radiographic procedures**
12. Develop ideal sequenced treatment plans and alternatives based on etiologies, prognoses and patient circumstances
13. Educate and treat patients to improve and maintain their oral health
14. Obtain informed consent from a patient, parent, or guardian
15. Prescribe and administer pharmacological agents for anxiety, pain, infection and caries prevention
16. Manage diseases and conditions of the teeth
17. Manage replacement of teeth for the partially or completely edentulous patient
- 18. Manage periodontal diseases**
19. Manage pulpal and periradicular disease
20. Diagnose and manage orofacial abnormalities and pathology
21. Perform uncomplicated oral surgical procedures
22. Diagnose and manage common orofacial problems that cause patients to seek urgent dental care
23. Assess the dentition to determine the need for orthodontic treatment
24. Evaluate the outcomes of treatment
25. Prevent and manage complications and emergencies arising during dental care and to provide basic cardiac life support if necessary

### **Knowledge, Skills and Values:**

The objective of this examination is to test the student's competency in the detection and removal of supragingival and subgingival deposits of plaque and calculus as required in the treatment of periodontal diseases.

### **Procedural Requirements:**

**Patient Selection:** Patients must present with:

1. 1 quadrant with at least 6 teeth each having detectable subgingival calculus.
2. At least 3 of these teeth must have pocket depths of 4-6 mm, but no pockets deeper than 7 mm
3. At least 3 of these teeth must have attachment loss of 2 - 5 mm on at least 1 surface.

**Requirements for successful completion:**

1. A score of 70 or better.
2. At least 90% of tooth surfaces free of calculus at completion.
3. One clinic period will be allotted for this competency.
4. Competency must be **started at 9:00 AM, 1:00 PM or 2:00 PM.**

**Multiple Competency Statements being Addressed: NA**

### **Remediation:**

Failure of this competency will require repeating the examination on a subsequent quadrant in the same patient or on a different patient. At the discretion of the attending faculty, the student may be required to perform additional root planing procedures under faculty supervision prior to re-taking this competency.

**PERIODONTAL SCALING AND ROOT PLANING COMPETENCY**

**Student Name:** \_\_\_\_\_ **Number:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**I. Case Requirements:**

1. 1 quadrant with at least 6 teeth each having detectable subgingival calculus.
2. At least 3 of these teeth must have pockets depths of 4-6 mm, but no pockets deeper than 7 mm
3. At least 3 of these teeth must have attachment loss of 2 - 5 mm on at least 1 surface.

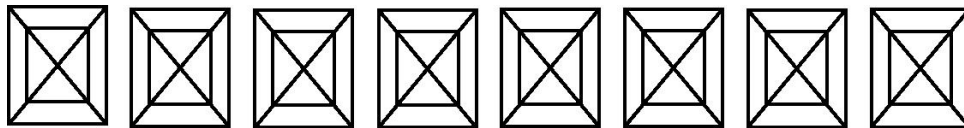
**II. Requirements for successful completion:**

1. A score of 70 or better.
2. At least 90% of tooth surfaces free of calculus at completion.
3. One clinic period will be allotted for this competency.
4. Competency must be **started at 9:00AM, 1:00PM or 2:00PM.**

**III. Before starting record location of calculus in the INNER PORTION ONLY of boxes below.**

**Teeth:** # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_

- **Indicate whether FACIAL or LINGUAL**



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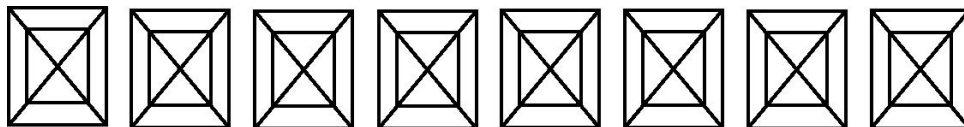
**IV. SELF-ASSESSMENT & EVALUATION:**

**Record residual calculus in the INNER PORTION ONLY of boxes before faculty evaluation.**

**Record calculus identified by faculty in the OUTER PORTION of boxes.**

**Teeth:** # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_

- **Indicate whether FACIAL or LINGUAL**



- **Indicate whether FACIAL or LINGUAL**

**V. Grading Plan:**

- \_\_\_\_\_ (0-5) Oral hygiene (plaque & inflammation) charting, assessment, re-instruction
- \_\_\_\_\_ (0-5) Maintenance of instrument sharpness
- \_\_\_\_\_ (0-30) Calculus detection (subtract 5 for each surface false+ or false- for calculus)
- \_\_\_\_\_ (0-10) Acceptability of technique
- \_\_\_\_\_ (0-10) Soft tissue management
- \_\_\_\_\_ (0-10) Self-assessment
- \_\_\_\_\_ (0-30) Calculus removal (subtract 5 for each unacceptable surface)

**Final Grade:** \_\_\_\_\_

**Faculty Signature:** \_\_\_\_\_